Doc. No. 702571 US Patent

Abstract

A metal profile part, comprising two or more superimposed metal profiles (12, 14), the metal profiles having openings/holes (22, 24) in the area of the superimposed contacting surfaces (16, 18) and the metal profiles being interconnected by means of injection molded plastic material (26) through the openings (22, 24). A method to interconnect metal profiles (12, 14) to create a metal profile part (10), the method comprising insertion of metal profiles (12, 14) to be interconnected in a tool in such a way that openings (22, 24) provided in contacting surfaces (16, 18) of the metal profiles (12, 14) are lying on top of each other in a generally congruent manner, and comprising injection molding of plastic material connections (26) in the area of the openings (22, 24) through the openings (22, 24) and subsequent curing of the plastic material connections (26).